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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INFORMATION REPORT

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End of February to mid-March 1949

1. Oberingenieur (Chief Engineer) KOCH, DRESDEN representative of the FRAUFELD Electrical Firm of VOIGT & HAFFNER, is on friendly terms with Graduate Engineer WILTER of the KOCH & SPELDEL Firm.

a. The KOCH & STERZEL Firm was producing X-ray tubes and other high frequency medical apparatuses. Dr. CLAUSSEWITZER and Dr. SPILKE directed scientific activities of the firm.

b. KTB 21, which was coordinated with KTB 20 and KTB 11, was affiliated with the firm. The main offices of KTB 11 were in BERLIN-SCHÖNEBERG, at No. 26 Wilhelminenhofstrasse (NEG) and was under the direct control of the Ministry of Electrical Industry in MOSCOW. Consignments for KTB 20 and KTB 21 went through KTB 11 (Comrade KUSNETSOV). Material allotted to KTB 20 and KTB 21 by GMA KARLSHORST also went through KTB 11.

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d. The most important man and chief of the laboratory at KTB 21 was FOELKE, Ing. D.

e. The present Soviet Chief of KTB 21 is allegedly Maj. BARSKY, former Chief of KTB 20, 6 Blattleite, Weisser Hirsch, DRESDEN. Other leading Soviets at KTB 20 who were mentioned by source are Maj. FLEISCHMANN and Maj. WUELLER.

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f. KTB 21 used the former machine shop of the NIEDERKARTHA power station for manufacturing tasks. The mission of KTB 21 was said to be the development and construction of super high frequency apparatuses (ion-impulse generators and cyclotrons) required for nuclear fission.

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Six condensers, constant tension 0.01 mF each, 200 kV working tension, 250 kV testing tension;

Two condensers, constant tension 0.02 mF, 100 kV working tension and 125 kV testing tension; operating on Villard switching system.

2. A former member of KTB 21, now employed in KTB 20, told source that:

a. Tests with a 4-million Volt installation (condensers), presumably erected by the ROCH & STERZEL firm by order of KTB 21, were carried out in that plant.

b. Tensions of up to 4 million Volts have actually been reached. The plant was later dismantled and sent to the Soviet Union.

c. KTB 21 is now dealing with the manufacture of water turbines and minor power stations for 10-30 KW; this work was done in cooperation with the BUNCKNER, KANIS & Co firm, DR SEDL.

d. Cyclotrons and ion-impulse apparatuses for 1,000 and 3,000 KW are manufactured. No definite technical data was given.

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1 November 1948

3. The 3,000,000 Volt installation was completed. Shipment had been started.
4. There were 65 Germans employed in the ROCH & STERZEL branch of KTB 21.
5. KTB 20, formerly in KARTHA, on the DRESDEN-FREIBERG railroad line, was transferred in October 1948 to a curtain lace factory in DRESDEN-BOBBITZ.

April 1949

6. No definite clarification could be obtained as to the closing or continuation of the Soviet Zone LTBS. The Soviet Inspection Committee, presided over by Prof. GEORGIEV, an Armenian, has returned to MOSCOW. Prof. GEORGIEV, in the meantime, was awarded the Stalin Prize.
7. As the result of detailed examinations carried out by the Soviet Committee, the dismantling order for the High Tension

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Experimental field in "TIEDIN"ARTHA near DRESDEN was cancelled. The experiments will be continued after the damage caused by water has been repaired. If the KTBs are unexpectedly closed, negotiations will be held in BERLIN to discuss the possibility of DK taking over the whole plant.

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Comment:

b. KTB 11 has been reported repeatedly as giving orders to the German Electrical Industry for development tasks .

c. This information does not agree with previous reports which stated that, rather than being completed by 1 November 1948, lack of a suitable insulating material had delayed completion of the 3,000,000 Volt installation .

d. Despite the unsuitable insulation, the Soviet Commissioners probably reported to the Ministry that the installation was ready for work. Dismantling was probably ordered during November and December 1948. The examinations or tests carried out by Prof. GEORGIEV seem to have extended only to the inspection of the preliminary work and of the test field for other experiments with still higher tensions, for which decision was pending in April 1949.

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